

CLAIMS

1. A device for attaching at least one slat of a slatted base to a frame of the slatted base, the device comprising a first member (2) arranged to be attached to the inner side of the frame of the slatted base and comprising first connecting means (5'); a second member (1) comprising a top portion (1") arranged to engage an extremity of at least one slat of the slatted base, a base portion (1') connected to the top portion by means of at least one resilient member (4), and second connecting means (5) arranged to cooperate with the first connecting means (5') so as to allow connecting the first member (2) to the second (1) member in a plurality of relative positions with respect to each other in view of adjusting the position of the at least one slat with respect to the frame of the slatted base, characterized in that the resilient member (4) and second connecting means (5) are disposed with respect to each other on the second member (1) in such a way that when compressing the resilient member (4), the top portion (1") of the second member (1) is displaceable with respect to the frame in the height adjustment direction of the least one slat, to the level of the second connecting means (5).

2. A device as claimed in claim 1, characterized in that the said resilient member (4) is disposed laterally with respect to the second connecting means (5).

3. A device as claimed in claim 2, characterized in that said second member (1) comprises a first and a second resilient member (4), disposed on opposite sides of said second connecting means (5) and in that said top portion (1") of said second member (1) is arranged for receiving the extremities of a first and a second slat of said slatted base in such a way that the extremity of the first slat is positioned on top of the first resilient member (4) and the extremity of the second slat is disposed on top of the second resilient member (4).

4. A device as claimed in any one of claims 1-3, characterized in that said base portion (1') of said second member (1) is rigid and in that said top portion (1") of said second member (1) is flexible.

5. A device as claimed in any one of claims 1-4, characterized in that each resilient member (4) is integral with said base (1') and top (1") portions of said second member (1).

6. A device as claimed in any one of claims 1-5, characterized in that said first connecting means (5') comprise at least one protrusion (8) and in that said second connecting means comprise a plurality of recesses (7) disposed above each other in the height adjustment direction of said at least one slat with respect to said frame, the recesses (7) being provided for receiving said protrusion (8).

7. A device as claimed in claim 6, characterized in that said protrusion (8) and recesses (7) extend under an angle of less than 90° with respect to the height adjustment direction of said at least one slat.

5 8. A device as claimed in claims 6 or 7, characterized in that each of the recesses (7) comprises a bottom with a hole (10), in that each protrusion (8) comprises at its free extremity a pin (9) protruding there from, the pin (9) being positioned in such a way that it is visible when the protrusion (8) is fully inserted in a corresponding recesses (7).

10 9. A device as claimed in anyone of claims 6-8, characterized in that said first connecting means (5') comprises two protrusions (8) spaced from each other in height direction of the first member (2) and of the slatted base, each protrusion being arranged to be received a corresponding recess (7) of the second connecting means (5).

10. A device as claimed in anyone of claims 6-9, characterized in that each protrusion (8) and each recess (7) has a truncated conical shape.

15 11. A device as claimed in any one of claims 1-10, characterized in that said top portion (1") of said second member (1) has a wing member (3) extending in the direction of engagement of an extremity of a slat of said slatted base within said top portion (1') and arranged for prolonging said extremity above the frame of said slatted base.

20 12. A device as claimed in any one of claims 1-11, characterized in that the base portion (1') of the second member (1) comprises two lateral flaps (6) for handling said second member (1).